

Converting Colors

Hex(AA6D15)

Have a look what the booklet for
Hex(AA6D15) contains.

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Color

Hex(AA6D15)

Conversions

Conversions Part 1

Format	Color
Hex	AA6D15
RGB	170, 109, 21
RGB Percent	67%, 43%, 8%
CMY	0.3333, 0.5725, 0.9176
CMYK	0.00, 0.36, 0.88, 0.33
HSL	35°, 78%, 37%
HSV	35°, 88%, 67%
XYZ	22.1816, 19.5375, 3.3115
YIQ	117.2070, 64.6040, -14.4360

Conversions

Conversions Part 2

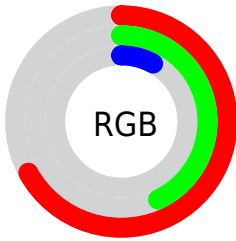
Format	Color
RYB	124, 170, 21
Decimal	11169045
CIELab	51.31, 17.71, 53.62
CIElCh	51, 56.471, 71.726
Yxy	19.5375, 0.4926, 0.4339
Android (android.graphics.Color)	4289359125 (0xFFAA6D15)
YUV	117.2070, -47.4301, 46.2995
Hunter-Lab	44.2012, 12.2248, 26.4989

Details

The Hex color **AA6D15** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1552AA**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E6A14B**, and **713D00** is the 20% darker color. If you saturate the color by 10%, you get **AA6604**, and if you desaturate by 10%, it is **AA7426**.

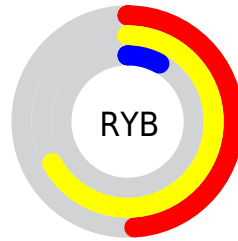
Distribution



Red (67%)

Green (43%)

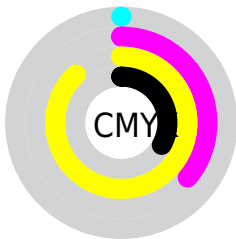
Blue (8%)



Red (49%)

Yellow (67%)

Blue (8%)

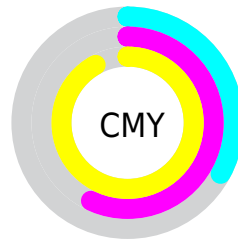


Cyan (0%)

Magenta (36%)

Yellow (88%)

Black (33%)



Cyan (33%)

Magenta (57%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA6D15 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color AA6D15 by changing the saturation by 10% instead.

 AA6D15

 AA6D15

FFFFFF

 8D5500

 E6A14B

 713D00

 FFBC65

 542700

 FFD77F

 391200

 FFF49A

 220000

 FFFFB5

 000000

 FFFFD1

 FFFFEE

 AA6D15

 AA6D15

■ AA6604

■ AA7426

■ AA6400

■ AA7B37

■ AA8248

■ AA8959

■ AA906A

■ AA977B

■ AA9E8C

■ AAA59D

■ AAACAE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C7593C



AA6D15



807E05

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



AA6D15



00918C



9465C3

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



AA6D15



1552AA

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3479D9



AA6D15



008FBA

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AA6D15



008F5A



0088D6



C2509A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AA6D15



5F861E



0088D6



7D6CCD

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



AA6D15



DEC6A4



AA1553



70624D



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



AA6D15



DE8300



9EAA15



54514C



945700



140C00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1552AA



005BDE



2115AA



4C4F54



003D94



000814

Previews

White Background



This preview shows how the Hex color AA6D15 looks on a white background.

Color Contrast Check

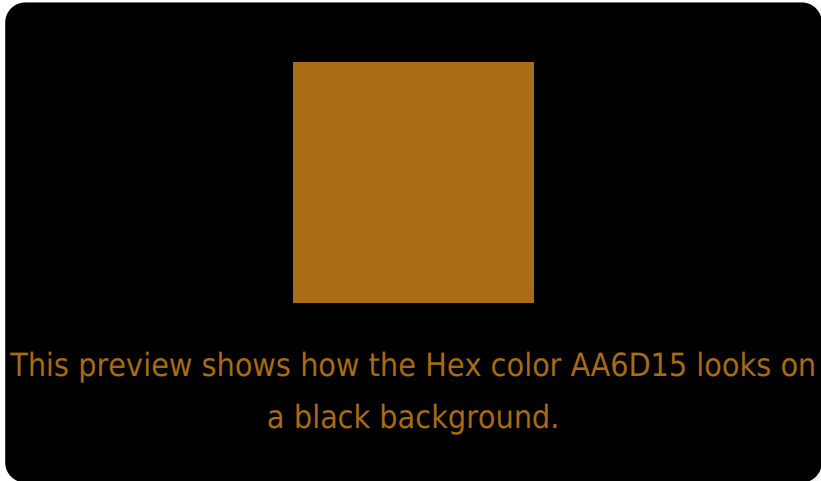
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AA6D15 Background



This preview shows how black text looks on a background with the Hex color AA6D15.



This preview shows how white text looks on a background with the Hex color AA6D15.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
AA6D15

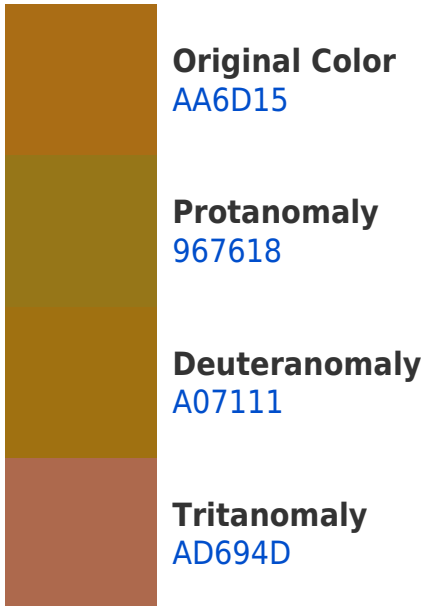
Protanopia
8A7B19

Deuteranopia
9B740F

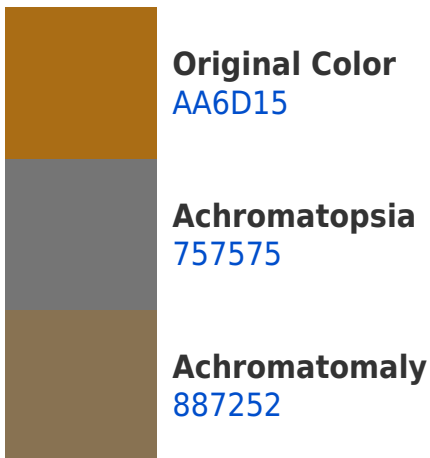


Tritanopia
AE666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA6D15 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #AA6D15 looks like.

```
.text, #text, p{  
    color:#AA6D15  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #AA6D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA6D15
}
```

Border

The CSS property to change the border of an element to Hex AA6D15 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA6D15 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#AA6D15 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #AA6D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA6D15; -webkit-box-shadow:4px 4px  
4px 4px #AA6D15; box-shadow:4px 4px 4px  
4px #AA6D15 }
```

Background

The CSS property to change the background color of an element to Hex AA6D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA6D15 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#AA6D15 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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